



LARC



Volume 60, Number 12

ACADIANA AMATEUR RADIO ASSOC., INC. - a 501(c)3 Corporation December 2020

The year of 2020 has been a disaster for everyone. So many changes in the way people interact have caused additional problems besides the virus. Many people are suffering from paranoia and depression. Scientists are not even agreeing on what course of action should be taken.

With many businesses and public service centers closed, people are having to search near and far for the resources they may need or want, or ordered online. And we at the ARRA have faced the same situation due to the shut down of the Lafayette Science Museum. A very special thanks goes out to Danny Daigle KD5JSM for locating the S.E.O.T. Building at 1300 Bertrand Drive for our use for our club meetings.

Because of the limitations, the club's Christmas Social will be at the S.E.O.T. Building rather than the Golden Coral as was done in previous years. The club will provide cake and coffee at this meeting.

I want to wish everybody a very Merry Christmas and a Happy New Year. I pray we all have a better 2021.

73

Joseph "Moe" Meaux K2JDM



<https://www.cqsanta.com/>

The Santa Net is held every evening between Thanksgiving and Christmas on 3.916 MHz at 7:15PM Central Time.

Get your kids, grand kids, or the neighborhood kids involved.

December 3, 2020
1300 Bertrand Drive Lafayette, LA

VE Testing TBD w5ddl.org

The LARC is published monthly

By the

Acadiana Amateur Radio Assoc., Inc.

P. O. Box 51174

Lafayette, LA 70505-1174

DATES TO REMEMBER

GENERAL MEETING

December 3, 2020 @ 7:00 PM
1300 Bertrand Drive Lafayette, LA

Lafayette, LA
<http://www/w5ddl.org/clubsuite/>

Local 2-Meter Nets

Monday
AARA Monday Night Net 7:00 PM
147.040 PL 103.5 +0.600 Lafayette, LA

Tuesday
Region 4 SkyWarn Net 7:00 PM
145.370 - PL 103.5 Lafayette, LA

Wednesday
Silent Key Memorial Net 6:30 PM
146.820 PL 103.5 New Iberia, LA

AARA OFFICERS 2020 - 2021

President – Chris Ancelet N5MCY
cancelet@gmail.com

V. Pres. - Derek Meche WM5TS
Secr – David McCutcheon KG5JHR
Treasurer - Tom Dischler W5OHJ

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Barrett Oge KG5SSO
YOUTH MEMBER
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November 2020



VE Test Session
November, 2020

As of the time of publication, I have not been notified of any testing that has occurred within the past month.



73, de Greg ~ K5LFT

Neutron-1 CubeSat Deployed from ISS; Other Sats Pending

From ARRL Newsletter 11-05-2020

The Neutron-1 3U CubeSat was deployed from the International Space Station (ISS) on November 5 at 10:40 UTC. For the satellite's first month and during its commissioning phase, the Neutron-1 beacon will transmit 1,200 bps BPSK telemetry every 60 seconds on 435.300 MHz. Developed by the Hawaii Space Flight Laboratory (HSFL) at the University of Hawaii at Manoa (UHM), the satellite's payload includes a VU FM amateur radio repeater during available times and according to the spacecraft's power budget. The Neutron-1 science mission is spelled out in a formal paper, *Neutron-1 Mission: Low Earth Orbit Neutron Flux Detection and COSMOS Mission Operations Technology Demonstration*.

HSFL operates and maintains a satellite UHF, VHF, and L/S-band amateur radio ground station at Kauai Community College.

The primary mission of Neutron-1 is to measure low-energy neutron flux in low-Earth orbit (LEO). The science payload, a small neutron detector developed by Arizona State University, will focus on measurements of low-energy secondary neutrons -- a component of the LEO neutron environment.

A number of other amateur radio satellites are expected to launch or be deployed in the next few months. AMSAT's RadFxSat-2 (Fox-1E) is expected to go into orbit by year's end on Virgin Orbit's LauncherOne vehicle. RadFxSat-2 carries a 30 kHz wide VU linear transponder.

The Tevel Mission -- a series of eight Israeli 1U CubeSats, each carrying a UV FM transponder -- is expected to launch from India on a SpaceX Falcon 9 rocket in December. Also from the Herzliya Science Center is a 3U CubeSat called Tausat-1, which is scheduled to launch on a Japan Aerospace Exploration Agency (JAXA) ISS resupply mission in February for subsequent deployment. Tausat-1 carries an FM transponder.

ARRL Learning Network Webinars

Visit the ARRL Learning Network website (a members-only benefit) to register for upcoming sessions and to view previously recorded sessions. The schedule is subject to change.

Amateur Radio's Role at the Boston Marathon Bombing: Steve Schwarm, W3EVE

Amateur radio has played a significant role in public service communications for the Boston Marathon for several decades. That role was put to the test in 2013 when two bombs were exploded near the finish line. This presentation will describe the role that ham radio played at the marathon and how that role changed due to the bombing.

Tuesday, December 8, 2020, 10 AM PST / 1 PM EST (1800 UTC)

Learn and Have Fun with Morse Code: Howard Bernstein, WB2UZE, and Jim Crites, W6JIM

Morse code, or "CW," is a popular ham radio operating mode. Learning CW does not have to be an arduous or lonely experience. Learn, practice, and enjoy CW with the methods used by the Long Island CW Club.

Thursday, December 17, 2020, 5 PM PST / 8 PM EST (0100 UTC on Friday, December 18)

Arizona Congresswoman Introduces National Amateur Radio Operators Day Resolution

From ARRL Newsletter 11-19-2020

US Representative Debbie Lesko of Arizona has introduced a [resolution](#) to designate April 18, 2021, as National Amateur Radio Operators Day, to recognize the important contributions of amateur radio operators.

"Amateur radio operators are critical in times of crisis and our communities are safer thanks to their dedication to sharing important information with the public," Lesko said. She was approached to introduce the resolution by 12-year-old Raymond, N7KCB, from Peoria, Arizona.

"I started [Long Distance Responders](#) so I can help prepare the community for emergencies with amateur radio," said Raymond. "There might be a price for a radio, but the ability and knowledge to help someone is truly priceless."

As Lesko's resolution notes, World Amateur Radio Day (WARD) is celebrated annually on April 18 to commemorate the founding of the International Amateur Radio Union (IARU) in 1925, and she said her resolution recognizes the amateur radio community with a national day in the United States in 2021. The resolution cites the Amateur Radio Emergency Service (ARES®) for providing "invaluable emergency communications services following recent natural disasters, including but not limited to helping coordinate disaster relief efforts following Hurricanes Katrina, Wilma, and Maria and other extreme weather disasters."

International Broadcast Station Interference Overwhelms Hurricane Watch Net

From ARRL Newsletter 11-19-2020

As Category 4 Hurricane Iota neared landfall in Central America on November 16, the Hurricane Watch Net ([HWN](#)) was forced to suspend operations at 0300 UTC because of what HWN Manager Bobby Graves, KB5HAV, described as "deafening interference from a foreign AM broadcast station that came out of nowhere at 0200 UTC." At the time, the net had shifted to its 40-meter frequency of 7.268 kHz, collecting real-time weather and damage reports via amateur radio.

"This was heartbreaking for our team, as the eyewall of Iota was just barely offshore," Graves said. "The storm had weakened slightly to a Category 4 hurricane with sustained winds of 155 MPH." After activating at 1300 UTC, the net was able to collect and forward reports from various parts of Nicaragua and Honduras via WX4NHC throughout the day for relay to forecasters at the National Hurricane Center in Miami. Iota was the most powerful storm on record to make landfall this late in the hurricane season.

Graves said the very strong AM signal was on 7.265 MHz. "From my location, it was S-9," he told ARRL. "You could not hear anything but the BC station." Graves noted that other foreign broadcast stations were heard from 7.265 to 7.300 MHz and splattering close by.

The offending signal appeared to be from a 500 kW broadcaster in Turkey. Graves said the HWN has a long history on 7.268 MHz, but that the net is now considering a 40-meter frequency below 7.2 MHz.

Stations handling emergency traffic during the response to Category 5 Hurricane Iota had requested clear frequencies on November 16 to avoid interfering with the HWN and with WX4NHC, as well as with a Honduran emergency net operation on 7.180 MHz and a Nicaraguan emergency net operating on 7.098 MHz. It's not known if those nets were also affected by interference from the numerous broadcasters on 40 meters.

"Thank you to all who allowed us a clear frequency," Graves said on behalf of the HWN.

SKYWARN Recognition Day 2020 Adjusts for COVID-19

From ARRL Newsletter 11-19-2020

Since 1999, the annual SKYWARN™ Recognition Day (SRD) has celebrated the long relationship between the amateur community and the National Weather Service (NWS). SKYWARN Recognition Day 2020 will take place from 0000 UTC to 2400 UTC on December 5. Amateur radio operators comprise a large percentage of SKYWARN volunteers across the country.

The purpose of the event is to recognize amateurs for the vital public service they perform during times of severe weather and to strengthen the bond between radio amateurs and local NWS offices. The event is cosponsored by ARRL and the NWS.

Normally, each year, radio amateurs participate from home stations and from stations at NWS forecast offices with the goal of making contact with as many offices as possible. This year, due to COVID-19 restrictions, participation from NWS forecast offices is expected to be minimal, so the focus will shift this year to contacting as many trained SKYWARN spotters as possible.

During the event, operators are encouraged to exchange their name, home station, SRD number, and current weather conditions with other participating stations. The event website provides complete operating guidelines.

Radio amateurs may sign up for a SKYWARN Recognition Day number by completing a participant sign-up form. A [SKYWARN Recognition Day Facebook page](#) has been created and will host a variety of live and recorded segments throughout the day.

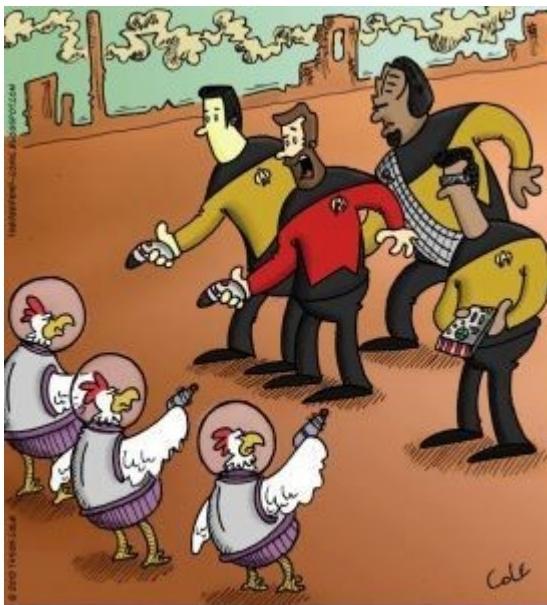
Universal Radio Announces Closing

From ARRL News of 11/25/2020

Ham Radio retailer **Universal Radio**, headquartered in Worthington, Ohio, is closing its store on November 30, although all existing orders will be filled, and the Universal Radio website will remain open to sell off “remaining stock, publications, and some select products.” Owners Fred Osterman, N8EKU, and Barbara Osterman, KC8VWI, are retiring.

“I am very fortunate to have been in the radio business for over 50 years, 13 at Radio Shack and 37 at Universal Radio,” Fred Osterman said in a message of gratitude to its patrons. “We have met many wonderful people along the journey who have supported me personally as well as Universal Radio. It has been a privilege to have a continuous career in the fascinating field of radio since 1969.”

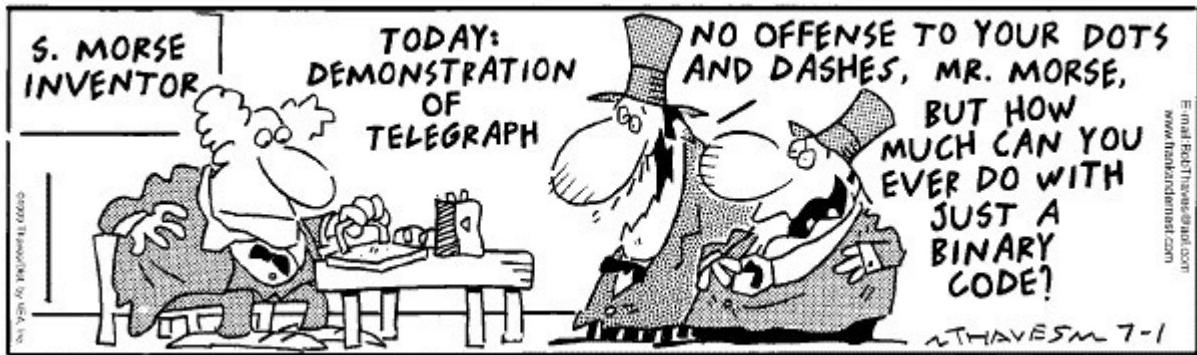
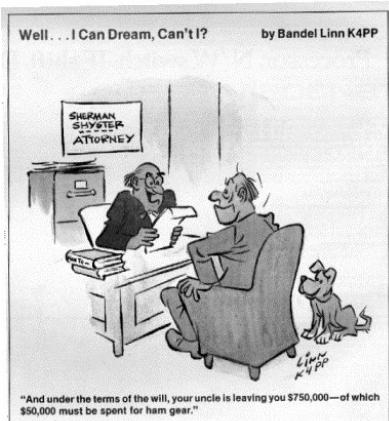
The new mailing address for Universal Radio is 752 N State St. Unit 222, Westerville, OH 43082, telephone (614) 866-4267. (This is not a storefront.)



"SET PHASERS TO 'EXTRA CRISPY!'"



Starting early going mobile.



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Local 2-Meter Nets**MONDAY**

*AARA Monday Night Net 7:00 PM
146.820 PL 103.5 Lafayette, LA*

WEDNESDAY

*Silent Key Memorial Net 6:30 PM
146.820 PL 103.5 Lafayette, LA*

**TUESDAY**

*Region 4 Skywarn Net 7:00 PM
145.370 PL 103.5 Lafayette, LA*

THURSDAY

*On-The-Air General Meeting 7:00
147.040 +0.600 PL 103.50 W6EXI repeater*

AARA Monday Night 2 Meter Net

Net Controllers will rotate each week and held on the 146.820 W5DDL Repeater only.

The AARA Monday Night Net and the Silent Key Memorial Net is being held on the 146.820.

The December 2020 schedule can be downloaded and printed in Adobe Acrobat .PDF from the club website. [Net Schedules](#)

REGION 4 SKYWARN NET

Each Tuesday night at 7:00 PM (local), the Region 4 Skywarn Net will take place on the 145.370 Skywarn Repeater in Lafayette, LA. Net Control Operators will alternate each week.

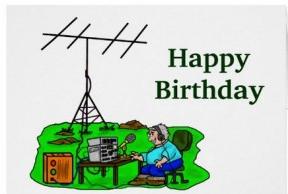
In case the 145.370 repeater fails, the net will be held on the 146.820 W5DDL repeater PL Tone 103.5.

The December 2020 schedule can be found at this link: [Net Schedules](#)

When using the Skywarn 145.370 repeater, be sure to use the receiver PL tone for your area as follows:

NW Quadrant 114.8 - NE Quadrant 127.3 – SW Quadrant 141.3 – SE Quadrant 94.8 – Central 103.5

See our website for additional information: <http://www.w5ddl.org/repeaters.htm>



12-09	<i>NA5Q</i>	<i>Roland</i>
12-11	<i>KG5QKH</i>	<i>Raymond</i>
12-16	<i>K2JDM</i>	<i>Moe</i>
12-19	<i>KI5KKI</i>	<i>Anthony</i>
12-20	<i>KG5SSO</i>	<i>Barrett</i>
12-22	<i>KD5VPC</i>	<i>Gerard</i>
12-28	<i>WB5QWK</i>	<i>Ron</i>
01-03	<i>KE5UPM</i>	<i>Allen</i>
01-05	<i>W5AG</i>	<i>Archie</i>
01-05	<i>N5KNY</i>	<i>Paul</i>
01-12	<i>KI5ARR</i>	<i>Paul</i>

Some members failed to put their birthdays on their applications for renewal / membership causing names to be missing from the list.

Don't forget to renew your membership by January 31st.

Acadiana Amateur Radio Assoc., Inc.
P. O. Box 51174
Lafayette, LA 70505-1174
Website: <http://www.w5ddl.org>



UPCOMING EVENTS

December General Meeting

December 3, 2020 7PM @1300 Betrand Dr. Lafayette, LA

For any additional information, check the W5DDL.org website

BOILED TURKEY

This is an adaptation of the Frugal Gourmet recipe. Our oven died in 2019 on Christmas Eve, and I had to try it out. Save a ton of time over baking or microwaving. Works good with a 10-14 Lb. Turkey.

Start by seasoning your turkey as you normally would. Then cut the turkey up into pieces like a chicken. Use a stock pot or gumbo pot (or 2). Place thighs and breast on the bottom of pot. Add legs, wings, back, neck, and giblets on top. Add enough water to cover. Bring to boil. Reduce heat to a simmer and cover.

After an hour, remove smaller pieces. Cook larger, denser pieces for about 30 minutes more. Pieces can be easily deboned. (I cook mine until everything falls off the bone – about 2 hours.) Place meat in a pan for serving.

If you like crisp, roasted turkey skin, simply skin the breast and thighs before boiling and roast skin at 400 degrees in oven for 15 to 20 minutes, until crisp and golden. Drain excess fat from pan. Deglaze pan drippings with stock as you want for gravy.

FCC Information Service

Toll Free (WATS) for Amateur Radio license inquiries about new/vanity call signs: 1-888-225-5322 This will connect you to the FCC National Call Center, handled by the FCC's Consumer Information Bureau. Amateurs having ULS problems or questions should contact the FCC's ULS Technical Support staff at: 202-414-1250 or:

ulscomm@fcc.gov.

FCC Website:

<http://wireless.fcc.gov/uls/>

New call sign information can also be obtained from the ARRL/VEC at 860-594-3000.

<http://www.arrl.org/arrlvec>

The mailing address to the FCC is:

*Federal Communications Commission,
445 12th Street SW
Washington, DC 20554*